

## Nebraska Weather & Crops

Issue NE-CW2202, released June 3, 2002, by the Nebraska Agricultural Statistics Service, USDA. For more information contact us at: 100 Centennial Mall North, Suite 298, Lincoln, NE 68508, 402-437-5541, e-mail at nass-ne@nass.usda.gov, Internet at http://www.usda.gov/nass/.

**GENERAL:** For the week ending June 2, 2002, triple digit temperatures in central and southwestern counties, combined with limited precipitation, intensified the severe drought conditions in western counties, according to the USDA's Nebraska Agricultural Statistics Service. The above normal temperatures boosted development of crops in eastern Nebraska and irrigated crops Statewide. Producers activities included spraying and cultivating for weed control.

This release is based on reports and data from county extension educators, FSA county directors, NOAA, and the High Plains Climate Center.

**WEATHER:** Temperatures averaged seven to eleven degrees above normals with record highs set in a number of counties. Precipitation was scattered across the State and ranged from traces to over two inches in the southeast and other isolated areas

**CROPS:** Corn planting was virtually complete at 99 percent, slightly behind last year and average. Warmer temperatures last week improved crop development with 89 percent of the acreage emerged, behind last year's 94 percent and the average of 93. Condition of the crop rated 3 percent very poor, 8 poor, 33 fair, 47 good, and 9 excellent, lower than last year and average.

**Soybean** planting progressed to 90 percent complete, ahead of last year's 86 and average at 89. Fifty-eight percent of the crop was emerged, near 54 last year and 60 average.

**Sorghum** planting reached 66 percent complete but lagged behind last year at 70 and average at 76. Emergence was noted

on 27 percent of the acreage, behind last year at 41 and average at 44 percent.

Wheat condition declined again last week and rated 31 percent very poor, 31 poor, 26 fair, 10 good and 2 excellent, well below last year and average. Statewide, 67 percent had headed, ahead of last year's 57 percent and behind average at 71. A few fields have begun to show color along the southern districts.

**Oat** fields were 11 percent headed, behind last year and average. Condition was rated 9 percent very poor, 14 poor, 29 fair, 43 good, and 5 excellent.

**Dry bean** planting progressed to 43 percent complete, ahead of 29 last year and 35 average. Fourteen percent of the crop was emerged, ahead of last year's 6 and average of 9.

**Proso millet** was being planted in dry soils with 22 percent seeded to date.

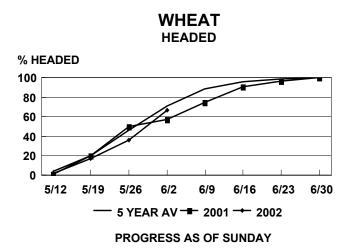
**Alfalfa** condition declined and rated 5 percent very poor, 16 poor, 36 fair, 37 good, and 6 excellent. Statewide, 40 percent had been cut by week's end, behind the 46 percent last year but ahead of 37 average.

LIVESTOCK: Pasture and range conditions continued below average and rated 18 percent very poor, 20 poor, 33 fair, 28 good, and 1 excellent. Poorest conditions continued in the Panhandle and Southwest districts, where over three-fourths of the pastures were in poor or very poor condition. Timely rains and warmer temperatures remain a necessity to obtain good grass growth. Some supplemental feeding has been occurring.

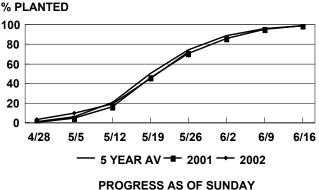
Progress and Conditions: By District, Nebraska, as of June 2, 2002

| Item                              | Agricultural Statistics Districts |     |     |     |     |     |     |     | State | Last | Last | Aver- |
|-----------------------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-------|------|------|-------|
| nteni                             | NW                                | NC  | NE  | С   | EC  | SW  | SC  | SE  | State | Week | Year | age   |
| % Corn Planted                    | 100                               | 100 | 100 | 100 | 99  | 98  | 100 | 100 | 99    | 97   | 100  | 100   |
| % Corn Emerged                    | 71                                | 88  | 85  | 97  | 93  | 79  | 97  | 94  | 89    | 71   | 94   | 93    |
| % Soybeans Planted                | 1                                 | 90  | 88  | 99  | 89  | 78  | 96  | 87  | 90    | 72   | 86   | 89    |
| % Soybeans Emerged                | 1                                 | 56  | 39  | 70  | 62  | 47  | 72  | 68  | 58    | 25   | 54   | 60    |
| % Sorghum Planted                 | 46                                | 83  | 71  | 36  | 91  | 80  | 75  | 57  | 66    | 45   | 70   | 76    |
| % Sorghum Emerged                 | 5                                 | 25  | 30  | 6   | 30  | 33  | 29  | 27  | 27    | 9    | 41   | 44    |
| % Wheat Headed                    | 52                                | 57  | 31  | 24  | 52  | 73  | 87  | 85  | 67    | 36   | 57   | 71    |
| % Alfalfa 1 <sup>st</sup> Cutting | 4                                 | 33  | 54  | 35  | 37  | 29  | 50  | 51  | 40    | 11   | 46   | 37    |
| Days Suitable for Fieldwork       | 6.9                               | 5.6 | 6.1 | 5.3 | 4.6 | 6.9 | 6.3 | 3.5 | 5.6   | 5.4  | 3.8  | 4.1   |
| Topsoil Moisture - % Very short   | 66                                | 11  | 13  | 11  | 1   | 73  | 27  | 0   | 28    | 23   | 0    | 6     |
| - % Short                         | 17                                | 21  | 49  | 48  | 9   | 22  | 20  | 9   | 24    | 23   | 14   | 15    |
| - % Adequate                      | 17                                | 68  | 38  | 41  | 85  | 5   | 53  | 89  | 47    | 49   | 81   | 71    |
| - % Surplus                       | 0                                 | 0   | 0   | 0   | 5   | 0   | 0   | 2   | 1     | 5    | 5    | 8     |
| Subsoil Moisture - % Very Short   | 59                                | 10  | 12  | 28  | 11  | 71  | 35  | 5   | 30    | 27   | 2    | 8     |
| - % Short                         | 24                                | 28  | 40  | 59  | 31  | 26  | 38  | 13  | 31    | 39   | 17   | 16    |
| - % Adequate                      | 17                                | 62  | 48  | 13  | 56  | 3   | 27  | 82  | 39    | 33   | 80   | 72    |
| - % Surplus                       | 0                                 | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0     | 1    | 1    | 4     |

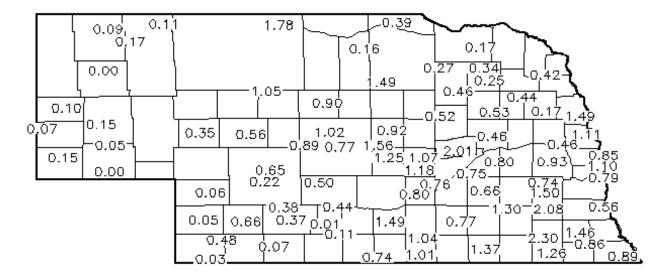
<sup>&</sup>lt;sup>1</sup> Data not available.







## Precipitation in Inches for Week Ending June 2, 2002



Precipitation: By District, Nebraska, April 1 - June 2, 2002

| 1100                 | ipitationi E | , <b>,</b> , , , , , , , , , , , , , , , , , | t, Hobiat | ,,,a, , ,p,,, | i ouiio | _,   |      |      |
|----------------------|--------------|--|-----------|---------------|---------|------|------|------|
| Item                 | NW           | NC   | NE        | CEN           | EC      | SW   | SC   | SE   |
| Total past week      | .08          | .93  | .49       | 1.00          | 1.01    | .14  | .74  | 1.41 |
| Total since April 1  | 1.70         | 4.21   | 5.21      | 4.13          | 7.01    | 2.14 | 4.56 | 8.03 |
| Normal since April 1 | 4.99         | 5.69   | 6.65      | 6.36          | 7.11    | 5.47 | 6.20 | 7.16 |
| Total as % of normal | 33%          | 74%  | 77%       | 65%           | 98%     | 38%  | 73%  | 112% |

Source: High Plains Climate Center data as of 8:00 a.m.

Temperature and Growing Degree Days: By Location, Nebraska, Week Ending Sunday, June 2, 2002

|         | Station      |          | Temp | Growing Degree Days<br>Since April 15 |               |      |         |        |
|---------|--------------|----------|------|---------------------------------------|---------------|------|---------|--------|
| Station |              | Extremes |      | Average                               | Departure     | Last | Current | Normal |
|         |              | High     | Low  |                                       | · F · · · · · | Week |         |        |
| NW      | Alliance     | 95       | 42   | 69                                    | 8             | 130  | 412     | 437    |
|         | Scottsbluff  | 96       | 43   | 70                                    | 9             | 134  | 467     | 437    |
|         | Sidney       | 93       | 41   | 70                                    | 8             | 135  | 451     | 448    |
| NC      | Ainsworth    | 89       | 50   | 71                                    | 7             | 142  | 440     | 474    |
|         | Arthur       | 89       | 48   | 70                                    | 7             | 138  | 434     | 468    |
|         | O'Neill      | 93       | 47   | 72                                    | 7             | 149  | 460     | 497    |
| NE      | Concord      | 94       | 50   | 74                                    | 8             | 158  | 493     | 509    |
|         | Elgin        | 94       | 50   | 75                                    | 9             | 157  | 490     | 511    |
|         | West Point   | 95       | 51   | 76                                    | 9             | 163  | 522     | 543    |
| C       | Grand Island | 101      | 50   | 76                                    | 10            | 157  | 536     | 522    |
|         | Lexington    | 101      | 53   | 76                                    | 11            | 157  | 546     | 513    |
|         | Ord          | 94       | 46   | 73                                    | 7             | 149  | 502     | 515    |
| EC      | Lincoln      | 95       | 55   | 77                                    | 9             | 175  | 591     | 574    |
|         | Central City | 95       | 52   | 76                                    | 10            | 164  | 544     | 529    |
|         | Mead         | 97       | 53   | 77                                    | 9             | 169  | 578     | 566    |
| SW      | Champion     | 98       | 50   | 75                                    | 11            | 148  | 519     | 483    |
|         | North Platte | 93       | 47   | 73                                    | 10            | 148  | 506     | 486    |
|         | Curtis       | 101      | 51   | 75                                    | 11            | 153  | 522     | 495    |
| SC      | Arapahoe     | 93       | 48   | 71                                    | 8             | 140  | 467     | 465    |
|         | Minden       | 102      | 53   | 76                                    | 10            | 158  | 540     | 515    |
|         | Red Cloud    | 100      | 56   | 78                                    | 11            | 169  | 635     | 529    |
| SE      | Beatrice     | 94       | 57   | 76                                    | 8             | 170  | 596     | 574    |
|         | Clay Center  | 96       | 52   | 75                                    | 9             | 160  | 534     | 527    |
|         | Nemaha       | 94       | 57   | 77                                    | 9             | 179  | 639     | 612    |

Source: High Plains Climate Center.

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